LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125564.D
Acq On : 22 Sep 2021 17:55
Operator : JU/CG
Sample : M3750-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-AREA-04-(8-10)-END-POINT

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125564.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.158	5	12	21	rVB	929814	1153208	32.97%	4.314%
2	2.269	25	31	35	rBV2	36506	47758	1.37%	0.179%
3	5.104	505	513	518	rBV	183976	201065	5.75%	0.752%
4	5.504	576	581	584	rBV	2966144	2627601	75.13%	9.828%
5	6.510	747	752	755	rBV	2844025	2643924	75.60%	9.889%
6	6.892	814	817	821	rBV	1180375	924157	26.42%	3.457%
7	7.451	907	912	915	rBV	1982881	1683692	48.14%	6.298%
8	8.075	1014	1018	1021	rBV	311590	254727	7.28%	0.953%
9	8.175	1031	1035	1038	rBV	1685761	1308100	37.40%	4.893%
10	9.251	1214	1218	1221	rBV	4270710	3441746	98.41%	12.874%
11	9.933	1330	1334	1337	rBV	1708007	1526440	43.64%	5.710%
12	10.716	1463	1467	1470	rBV	2534290	2126773	60.81%	7.955%
13	11.416	1582	1586	1589	rBV	2037076	1563781	44.71%	5.849%
14	11.939	1670	1675	1680	rBV	212355	197209	5.64%	0.738%
15	12.727	1805	1809	1815	rBV2	72332	82340	2.35%	0.308%
16	13.004	1851	1856	1859	rBV	3919807	3497464	100.00%	13.082%
17	13.480	1931	1937	1945	rBV	812459	866769	24.78%	3.242%
18	13.904	2004	2009	2020	rBV4	116157	228731	6.54%	0.856%
19	14.057	2030	2035	2038	rBV	1372531	1300024	37.17%	4.863%
20	15.533	2281	2286	2291	rBV	874843	1059232	30.29%	3.962%

Sum of corrected areas: 26734741

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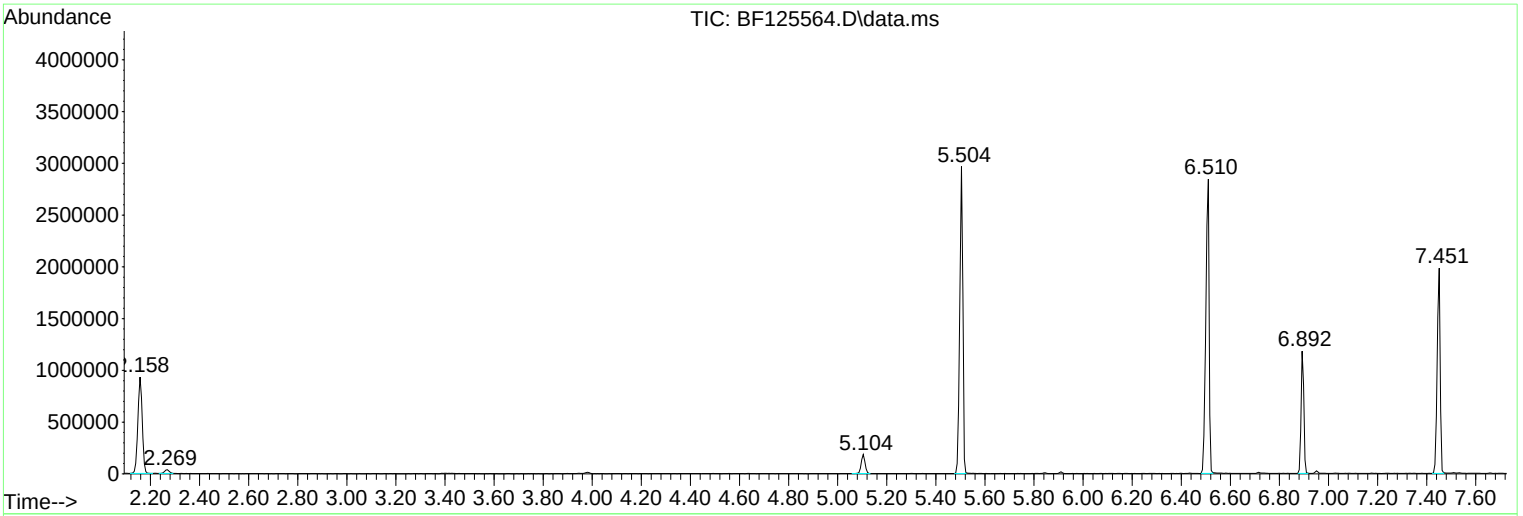
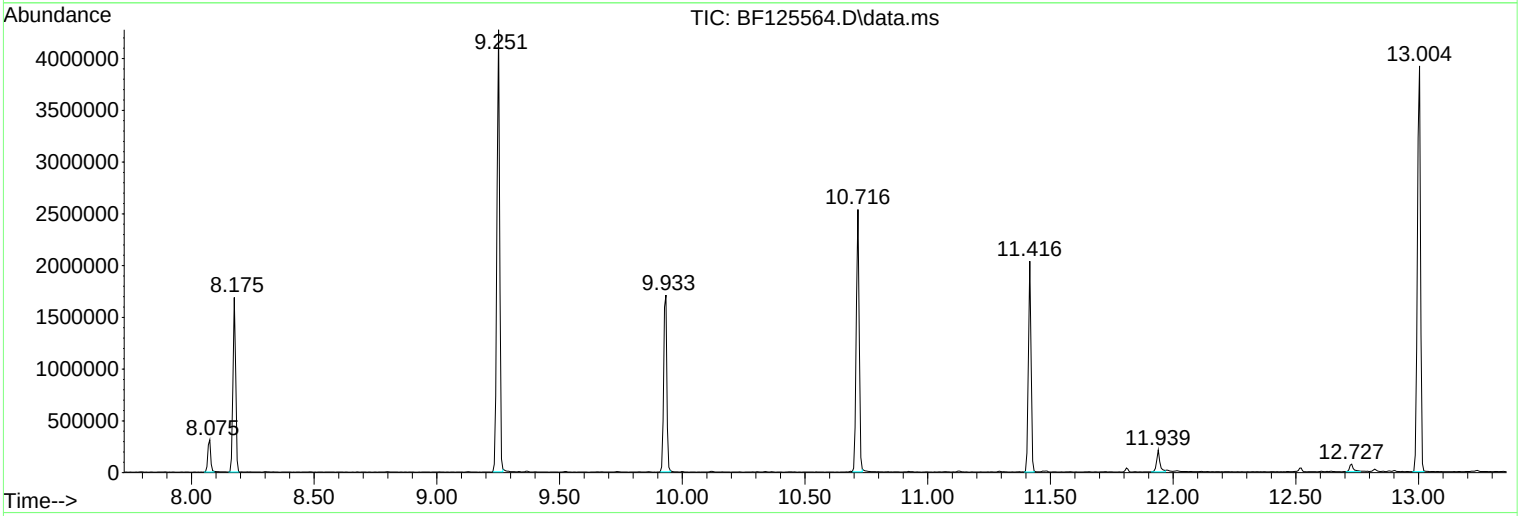
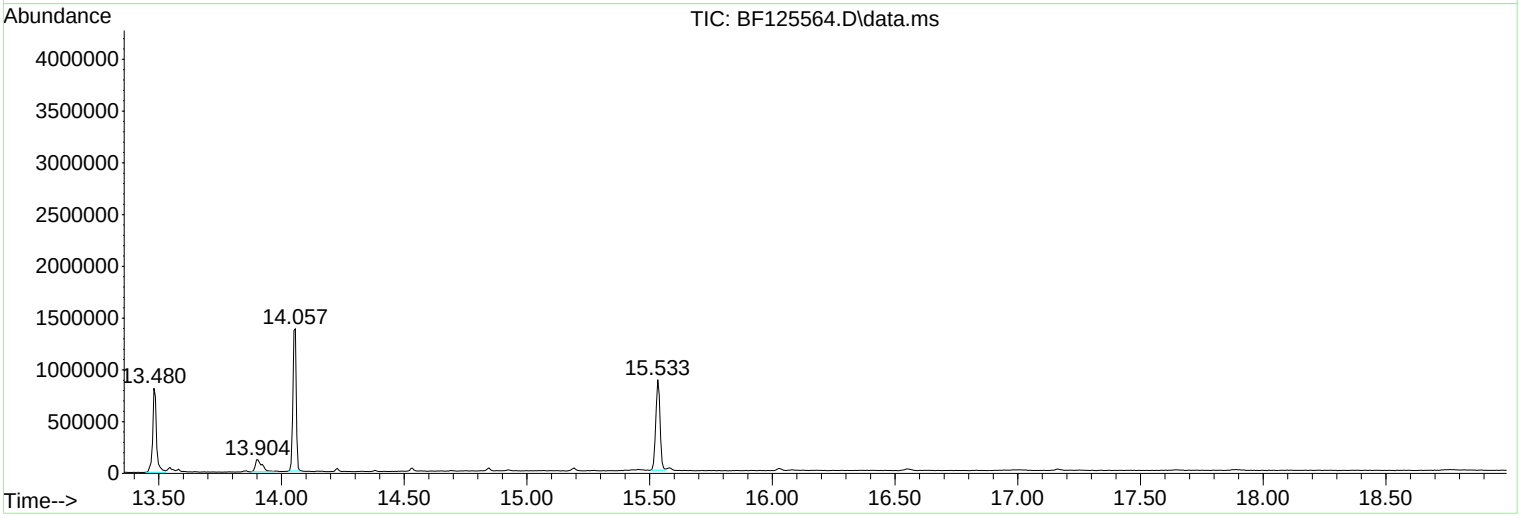
BNA_F
ClientSampleId :
NAPL-AREA-04-(8-10)-END-POINT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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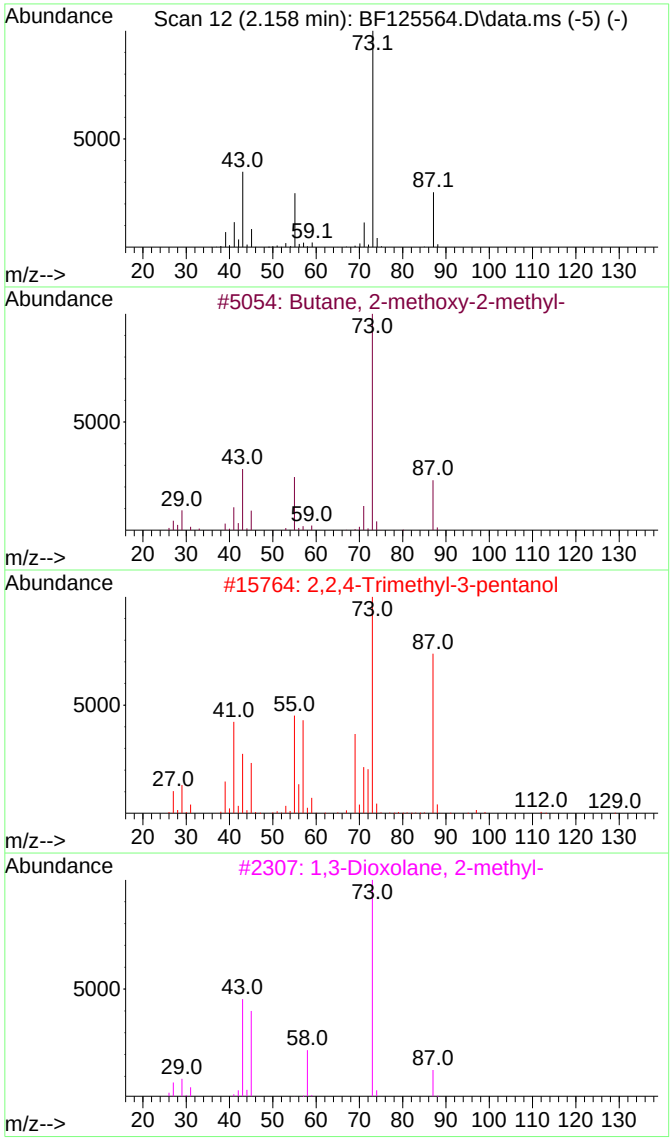
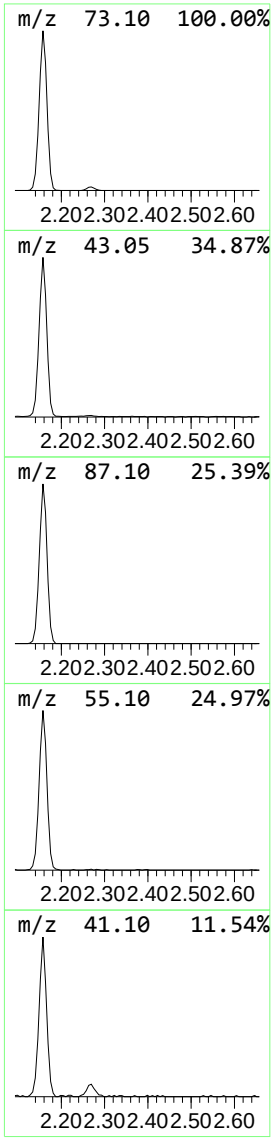
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.158	24.96 ng	1153210	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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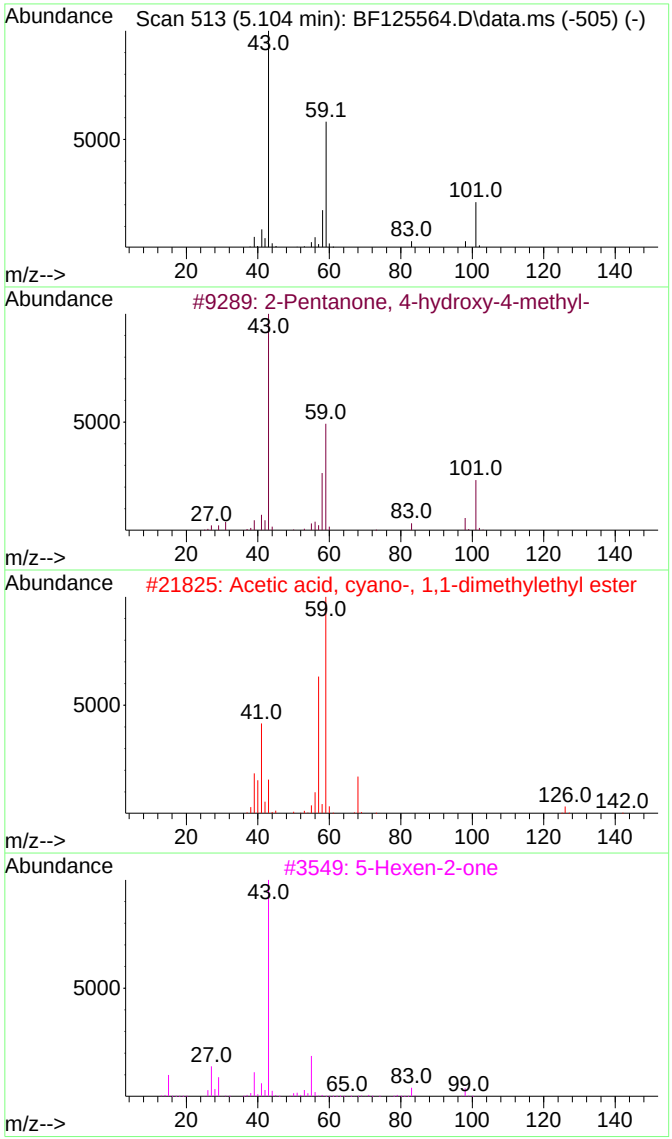
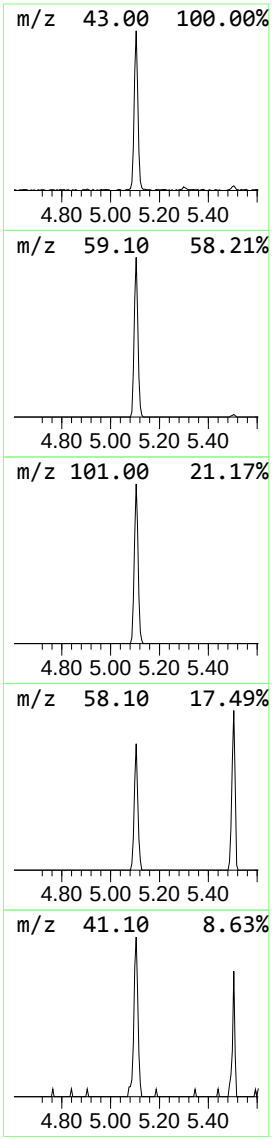
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	4.35 ng	201065	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Operator : JU/CG
Sample : M3750-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(8-10)-END-POINT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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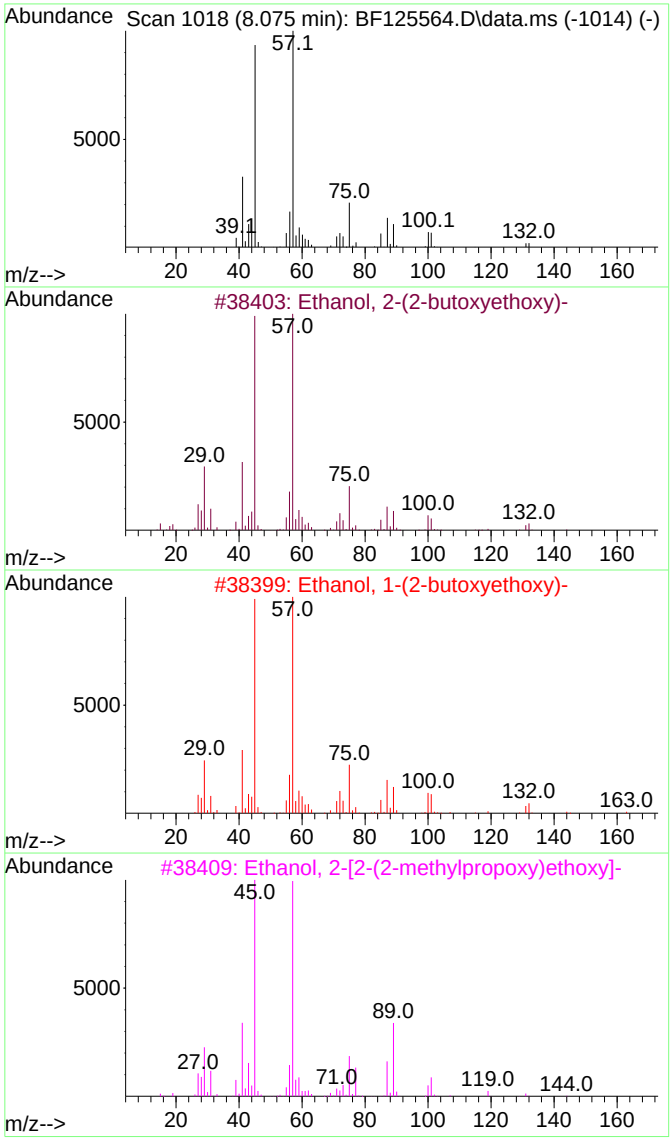
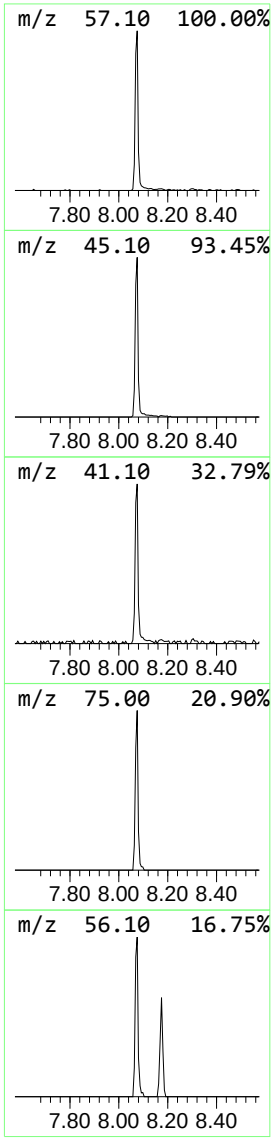
****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	3.89 ng	254727	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50





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Operator : JU/CG
Sample : M3750-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-AREA-04-(8-10)-END-POINT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
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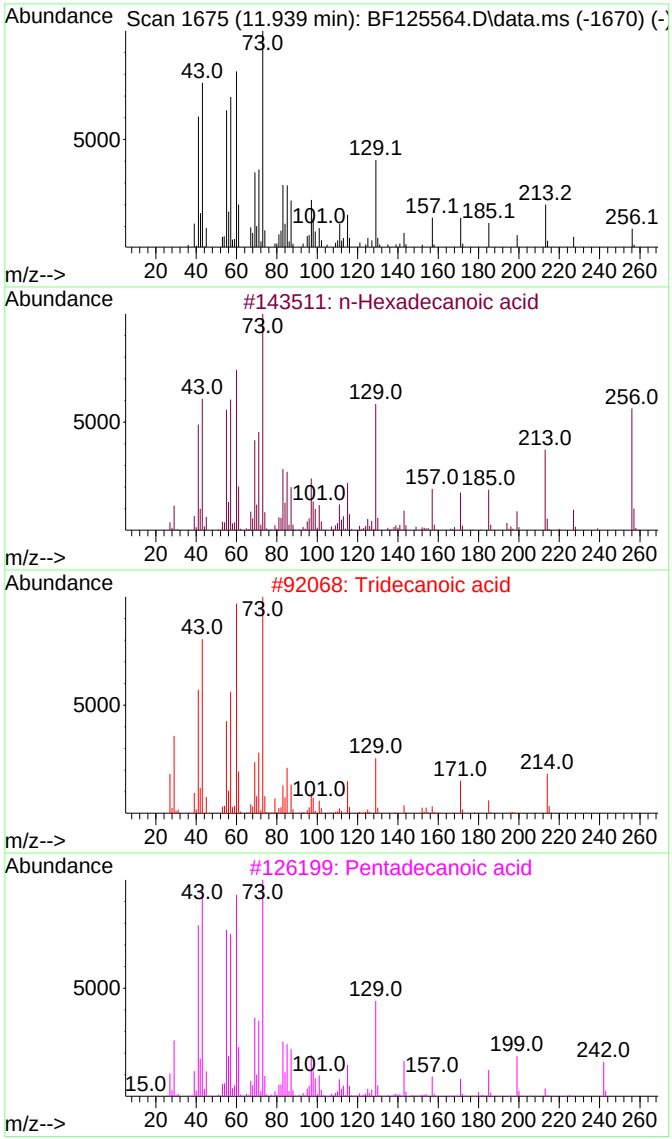
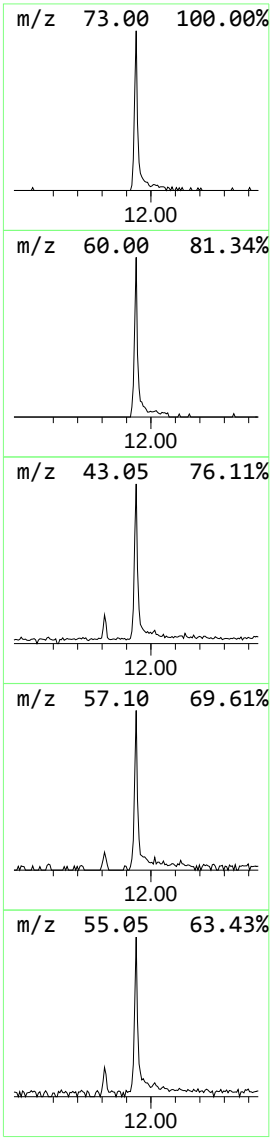
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.52 ng	197209	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Nonanoic acid	158	C9H18O2	000112-05-0	35





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Sample : M3750-06
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Instrument :
BNA_F
ClientSampleId :
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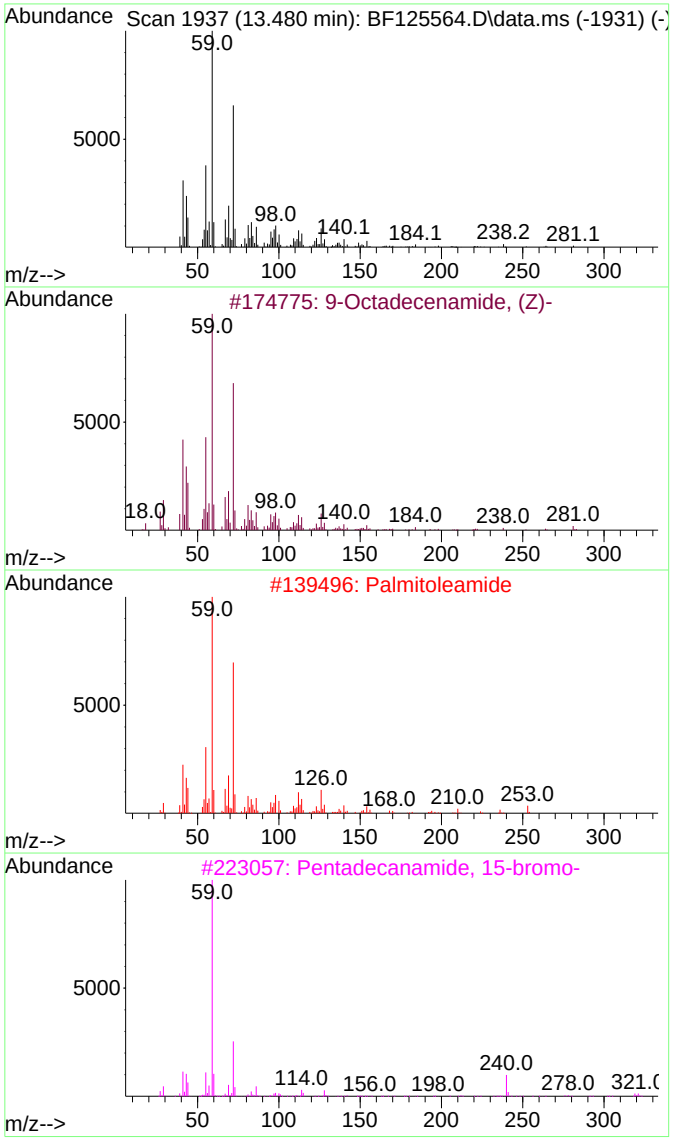
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

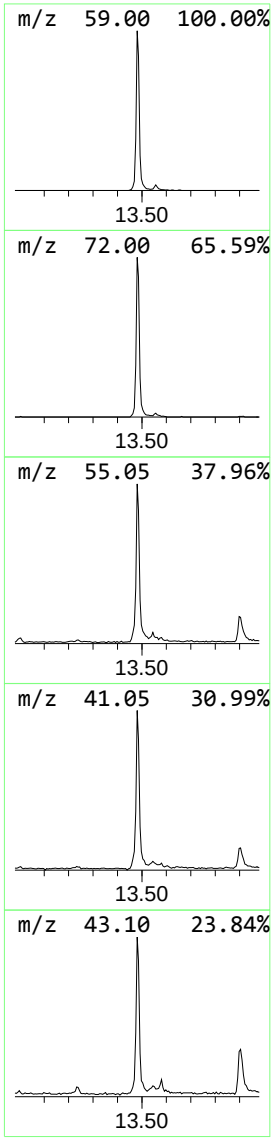
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.480	13.33 ng	866769	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Palmitoleamide	253	C16H31NO	106010-22-4	86
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	59
5	Octadecanamide	283	C18H37NO	000124-26-5	53





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TIC Library : C:\Database\NIST20.L
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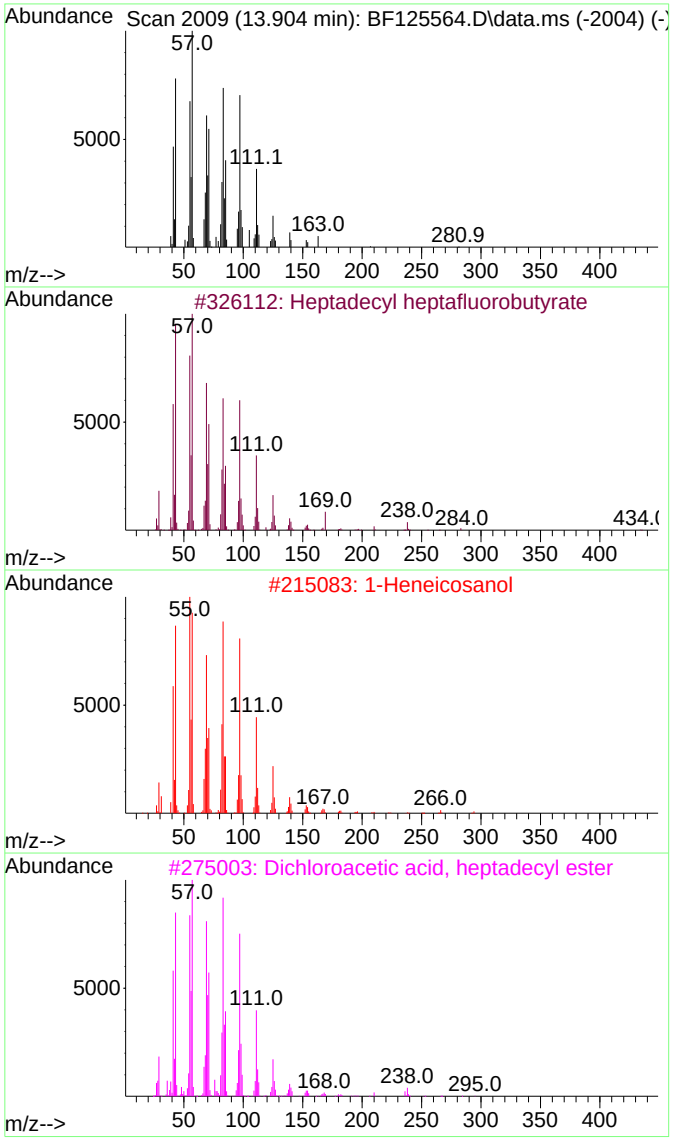
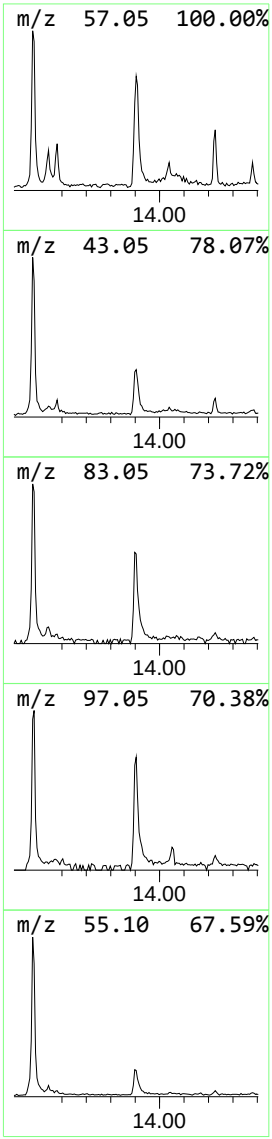
****
Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.52 ng	228731	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.158	25.0	ng	1153210	1	6.892	924157	20.0
2-Pentanone, 4-...	5.104	4.3	ng	201065	1	6.892	924157	20.0
Ethanol, 2-(2-b...	8.075	3.9	ng	254727	2	8.175	1308100	20.0
n-Hexadecanoic ...	11.939	2.5	ng	197209	4	11.416	1563780	20.0
9-Octadecenamid...	13.480	13.3	ng	866769	5	14.057	1300020	20.0
Heptadecyl hept...	13.904	3.5	ng	228731	5	14.057	1300020	20.0